342 In simpler structures, such as house g (Photos. 64 and 67 to the right) and the summer dwellings (Photo. 7), there is no framework of rods, and because of this the leaves covering [110:196] the lower part of the shelter lean obliquely against the outer longitudinal poles with their stems resting directly upon the ground. The smaller sides are open in house g and only slightly covered [224] in the summer dwelling shown in Photograph 7. Structures of the latter type are erected in the fields and in neighboring wooded [226] areas when the dry season and its fishing opportunities lure the Indians into leaving their village and moving closer to the river in August, September, and October. The fact that the roofing of these temporary dwellings is not as good as that of permanent houses is understandable, since they are used as a protection against dew and sunlight rather than against rain properly speaking. The remnants of summer dwellings that I found along the trail leading from the river to the village consisted merely of a framework of poles lacking the finer latticework of sticks, and their covering was completely gone.

It is worth noting the existence of a sort of porch which took up entirely one of the smaller sides of house a and which was two and a half meters wide (Fig. 9). It was thatched only on its upper part, down to the longitudinal poles, and it was used by the men and women who wanted to be in the open air while lying in their hammocks or performing household tasks, but who wished to be sheltered from the sun (Photo. 48).

The house entrances are about the width of an adult person (Photos. 59 and 67), and they are bounded on top by the longitudinal pole, 1.60 meters from the ground. To my knowledge, they are never closed up.

[355] Reverend Kegel told me that during the rainy season the Tapirapé raise an earth bank around each house to prevent the waters from seeping in.

417 Beside the houses there stand wooden frameworks, triangular
251 or quadrangular according to the number of their legs, where manioc, peppers, and other fruits are laid out to dry and bananas are left to warm up in the sun.

345 The takana deserves special mention, not only because of its function as the men's house but also because of its appearance

24| The Karajá plots are wretched as compared with those of the
17| Tapirapé. I found Karajá Indians living north of the mouth of the Tapirapé River who suffered hunger for several years because they had always planted on the same spot. The Araguaia had flooded it several times, depriving them of the fruit of their labor and punishing them for their lack of foresight. The fact that this happened to a people who had known the river so thoroughly and for such a long time goes to show that they are not very adept and capable at tilling the soil. [Ed., the remainder of this paragraph on p. 191 and the first paragraph on p. 192 are omitted.]

24| [113: 192] From June to August, that is to say, during the
[22.] driest months of the year, the Tapirapé cut down forest growth to
[11] make new plots. The felling of trees is carried out by the method so widespread among South American tribes and also used by the White colonists of Brazil and neighboring countries. It consists of causing a whole cluster of trees to topple together by incising them in such a way that they all must fall in the same direction when their swaying neighbor leans against them from the opposite side. The largest tree in the group, usually a veritable giant, is felled in such a way that it drags to the ground along with it all its companions weakened by the axe. [Ed., the last half of p. 192 and the first paragraph of p. 193 are omitted.]

17| [113:193] The following note by Steere (385) refers to the
24| Yamamadí, an Aruak [Arawak] tribe of the Purus River: "The first civilized men who visited them say that, at that time, they incised the trees in the shape of a belt, removing the bark with the stone ax. Then, they felled the trees by burning them with firewood piled up around their base."

Stradelli (575) provides a more detailed description of the same procedure as used by the Indians of the upper Uaupés: "The ax is used to make an initial incision all around the tree, which bruises rather than cuts the bark. When this has been done, and after a few days have elapsed to allow the bruised spot to dry or at least to wither, they pile up around the tree a lot of dry wood and then set fire to it. The bruised part, which is at least withered if the time was not sufficient for it to dry, naturally catches fire more readily than the rest. Once the fire has gone out, they remove the layer of charcoal resulting from this initial procedure and scrape the wood bare. They immediately light a new fire, then remove

241 cut down the biggest one. Throughout this work, they only used
476 axes with rather long handles (Photos. 56 and 61). Each man hit the trunks at the level most convenient to him, so that the stumps varied in height from 30 to 90 centimeters. After extreme exertion for a while, each man would rest until he felt like resuming his task. They were all quite diligent. And as I watched those men, most of them [113:195] endowed with the physique of our adolescents, conquer piece after piece of the huge forest around them, I saw none of the sometimes gloomy seriousness or tediousness that characterizes so much of the collective work among us. [461] Joyous shouts echoed and peals of laughter rang out on every side, as though they were performing a very amusing game.

Since the time when the trees are felled is the driest of the
221 year, the leaves and branches of the toppled trees wither more
241 rapidly and become easily combustible. The Tapirapé set fire to them and then do their planting between the felled and nearly carbonized trees as soon as the rains come to nurture the vegetation. Thus, the chief time for planting falls in November and December, but in certain areas of higher humidity it comes as early as October.

To plant yams, carâ [Tr., another kind of yam], and manioc,
244 the Indians use the hoe to dig a funnel-shaped hole, from one to
[412] one and a half meters in diameter and depth at the center, in which they pile up the earth in the shape of a cone. They slip into this cone four or five yam protuberances or an equal number of carâ knobs, that is to say, fragments or "eyes" of the respective tubers, or four or five manioc shoots. [Ed., the remainder of p. 195 and the first two lines of p. 196 are omitted.]

[412] [113:196] The dibble is used by the Tapirapé to plant maize,
241 peanuts, and cotton in straight lines that ride over the fallen trunks and other irregularities in the terrain and lie about four meters apart. In planting cotton, around December, they place several seeds in each hole and keep the holes about two meters apart; the distance is smaller when planting maize or peanuts. Weeding also begins in December. Maize, peanuts, and cotton are harvested from June to August. Manioc and bananas are gathered throughout the year. Bananas and maize are gathered when still green and hung under the house roof to ripen, for there are many forest animals interested in eating them. The plots,

/406 cont./

114 On the campo path from the first roasting place, which was later
[489] joined by the second coming from the left, we reached a large
[361] village on the second day of the land march, two smaller villages
[312] on the third day, all three abandoned and in utter ruins. Water was not to be found on the campo on which the villages were located; the swamps and brooks to which paths led were dried out and, when excavated, in part to a depth of one meter, did not even yield moist earth, to say nothing of water.

131 On the basis of the discoveries and observations that I
133 made at these places, I formed the following opinion. The tribe lives on the high campo that extends from the southern bend of the Tapirapé to the north as far as the high mountains (or plateau borders) that enclose it in the north and west. In front of these borders there extends a tremendous trough, apparently the source region of the Tapirapé, which from there flows around out of the high campo in the west and south, then turns off to the north-
[361] east. /407/ Here, approximately 130 kilometers due west from
[K2] the Tapirapé mouth, the tribe lives in one large and two smaller
361 villages during the rainy season. The large village seemed to have had three to four houses; the second, smaller one, two to
[342] three; the third perhaps the same number. The houses were in such a state of ruin that their construction was no longer recognizable; apparently they were large rectangular buildings with
[133] a pointed gable roof. The villages lie close to the large forest area that accompanies the trough in front of the mountains. All around in smaller troughs extend large swamps to which brooks
221 lead. During the dry season these water areas dry up completely, so that even holes up to a meter deep in the brook bed do not yield moist earth. As a result, the Indians are compelled to migrate to water areas, and apparently they then first seek the
[437] upper Tapirapé. In former times they seem to have come farther downstream to a certain place where they met the Karajá, who extended their fishing expeditions this far, and traded with them. This trading place lies about 30 kilometers southeast of the first village (34 kilometers from the second and third). As
[226] a result of the conflicts with the Karajá, they now avoid this

/407 cont./

221 region and come to the river farther upstream, before it turns
226 toward the northeast. Here, by means of poisonous cipo, they
[252] fish successive lakes blocked off by fences. They seem to travel from upstream downward, for the upper roasting place showed only a few new beams among very old ones, whereas the lower one was apparently quite recently built. This lower one, beside which they fished from the middle to the end of August 1908, lies about 16 kilometers south-southwest of the first village (24 kilometers
[489] from the second and third). The well-worn paths that go from the two roasting places, join, and lead by way of the first village to the other two, seem to indicate that the Indians visit this spot annually. Where they go from here I was unable to find out; perhaps they went across the Tapirapé to the south. In any case a campo lake abounding in fish, several kilometers away from the trading place, showed no traces of human beings.

161 These people seem to be very numerous. The number of
[342] houses is small, to be sure, but their dimensions seemed to be
[252] quite considerable. The 26 huge grills at the first roasting place and 10-15 at the second, the sandbanks completely trodden down with footprints beside the first fish lake, certainly lead one to
513 conclude that there is a large crowd of people. Sleeping is
352 apparently done in hammocks. This is indicated first by the net coverings that the Karajá buy from them, and then by the complete absence of sleeping places beside the roasting place, which was certainly used for many days.

241 Besides manioc (according to the account of the Karajá), these people also plant maize, as is indicated by many, partly
231 charred corncobs at the roasting place. As domestic animals they keep dogs, the traces of which were numerous on the sand-
224 banks. It may surely be assumed that they devote themselves to
[136] hunting. The campo is extremely rich in deer, the forests in wild pigs. Certainly they will not forgo these sources of meat.

226 In addition, fishing is practiced on a large scale through poisoning the /408/ /Ill. 267 appears here/ /409/ water of blocked-off lakes. We saw barrier poles everywhere in the territory of this tribe in front of lake outlets. The first lake that we came across was completely blocked off by a fence that was

[TEXT CONTINUES ON P. 344]

[Ed., pp. 87-88 are not translated.]

000 [89] In Mühlmann (p. 344) we read: "In Polynesia, the new year was reckoned from the beginning of the fishing season, and since this period of time coincided with the appearance of the Pleiades above the horizon, a fruitful half-year, mata-li'i-i-nia, that is, 'Pleiades above,' was distinguished from an unfruitful or less fruitful half-year, mata-li'i-i-raro, that is, 'Pleiades below.' A Pleiadic year was also known in India."

2 It is also worth mentioning Métraux's observation (p. 51) that the Pleiades seem to have been the object of special beliefs among the Tupinambá, who were convinced, according to an unpublished manuscript by Thevet, that they fostered the growth of manioc, the staple of their diet. One of the most beautiful legends of the Taulipáng, a Karaíb [Carib] tribe of the Roroima, relates how the Pleiades came to the sky and also mentions their function as heralds of the rainy season that brings an abundance of food with the appearance of shoals of fish moving upstream to spawn (Koch-Grünberg, p. 13).

805 Among the Tapirapé, I did not find anything corresponding to this Indian and Polynesian culture trait [Tr., the Tapirapé do lend importance to the Pleiades]. It is true that of all the events in the yearly cycle, the rainy season is of greatest interest to these Indians. They did not tell me anything about the Pleiades, however. The rainy season is to them the opposite of what it is to the Taulipáng, namely, not the time of well-being, but, in the words of the Tapirapé, the time of evil shadows, of baleful spirits. It is characteristic of the timid nature of these Tupí Indians that they lend greatest importance to the time of greatest distress, instead of centering their thoughts on the dry season, which is to them the pleasant time of abundant vegetable and animal foods and thus the time of health and pleasure in being alive. [Ed., the last two paragraphs on p. 89 and the first paragraph, as well as the first three sentences of the second paragraph, on p. 90 are omitted.]

[181] [221] [132]

[90] The Tapirapé could not tell me the number of days in the lunar month, although they were familiar with the moon cycle and called the new moon txãhĩ apát, "moon sleeps," or txãhĩ akantxím, "moon finished," and the full moon ãũvahó, ho being the augmentative suffix, and ãũva corresponding probably to the ãũ, "lunar," listed by Montoya, and the yacy icáua, "full, fat moon," given by Stradelli. The first quarter, when the visible part is not yet very thick, is called

821 192

9: Wagley E-5 (1939) 1940SP22 Tapirapé SP22

but lives and re-lives his life cycle as the cycle of the seasons. In the early rains of October to January, Petura is a small boy. During the heavy rains of January to March, he is an adolescent youth. He is a young warrior as the rains diminish in April to June, and as the year draws to its close for the Tapirape during the remaining dry months, Petura becomes old. Then as the year begins again with the first refreshing rains of October, he begins a new life cycle. This is the agricultural year for the Tapirape. They plant when he is young (October) and harvest as he matures (in May and June).

Petura was not the only hero who benefited the Tapirape. To the "home of the gods" travelled Tomatociri and Mukwura II, other ancestor heroes, in search of their father Mukwura. There Mukwura gave his son, Tomatociri, the bow and arrow which he brought back to the Tapirape. There, too—and this is typical of Tapirape readjustment to newly-learned knowledge—the younger brother Mukwura II was given fire arms which he transmitted to his descendants, the Europeans or Tori.[9]

Shamans are equated with these ancestor heroes. If shamans die a non-violent death, they go immediately to Maratawa where they live plentifully supplied with food, tobacco, and all aids to the good life. If they die violently, however (i.e., are suspected of sorcery and killed by the Tapirape) they go to another home of shamans in the west. This is the "house of the winds" where the heavy winds blowing from the southwest come during the late dry season. They are given an artificial face, and they stay here until they heal before going east to join their companions in Maratawa. Only shamans and culture heroes continue after life in the form that they had on earth.

It is chiefly through shamans that the Tapirape know of the sun, moon and other heavenly bodies. A shaman had seen the sun "close by." The sun, he said, is an old man with no hair on his head. He travels through the heavens wearing a large head-dress of red parrot feathers, and since red parrot feathers are "hot," the head-dress gives off heat. Each night, after limping through his daily orbit (for the "sky is rough" and the sun continually has thorns in his feet) he returns underground to the east to his house at Maratawa.[10] There he eats very little and in a short time sets out again. The morning after Wantanamu, a shaman, had died, several Tapirape saw that the sun was red; it was very "hot" and angry because a shaman had died.

As the sun is male, so the moon is female. Both are thought of as people,

[9] I was unable to get the original of this story before the obvious change was made to make it fit with new conditions. It is similar, however, to a Tupinamba story recorded by Thevet and quoted by Métraux (*ibid.*, p. 13), which tells of Ariowte and Tamendonare, twin sons of Sommay.

[10] See Métraux, *ibid.*, p. 14, for Siusia version.

101 [16] The Tapirapé Indians live in central Brazil north of the Tapirapé River, a left tributary of the Araguaia located in the extreme south of the state of Pará. They speak a dialect of Tupi-Guarani, the most widespread aboriginal tongue in Brazil. In spite of a great decline in their population, they still possess a rich cultural tradition which is peculiar to them and which distinguishes them [173] from other tribes. Their customs and traditions are transmitted orally with great care from generation to generation. One of the most 881 interesting among them is the ceremony in which the youth assumes the status of a grown man. This change in status is marked by nearly all peoples. Among us, when a young man reaches the age of 21, he can vote, marry, sign documents, etc.; among many primitive groups, the youth proves that he has become an adult by undergoing torture or achieving success in the hunt.

Among the Tapirapé, this tradition is observed with a festival [302] of song and dance called "hair-tying," for henceforth the young man will wear his hair tied at the back of the neck in adult fashion. For 858 several years before the ceremony, the boy keeps his body painted [302] black with genipap, wears his hair cropped close to the head--"like a monkey," in the words of the Tapirapé-- is subjected to food restrictions, and has his arms and legs scarified until they bleed so he [304] will "grow strong." When he reaches 14 or 15 years of age, his [856] family decides that the time has come for him to become an adult.

88 At the close of the rainy season, the time of harvesting and ● [221] thus of plenty for the tribe, the "hair-tying" ceremony is carried out. For months beforehand, the youth allows his hair to grow until it comes [302] down to his shoulders. Meanwhile, mother and aunts weave threads [462] (cords) to adorn him, while father and uncles collect feathers with [283] which they make elaborate ornaments. All Tapirapé youths become [237] adults through this rite; the sons of important men, however, and [554] those who were "favorite sons" (the Tapirapé elect certain children to preferential treatment) are much more richly attired than the others. The ceremony is costly to the family, and much time is needed before- [237] hand to gather the necessary materials--macaw tail feathers, short feathers of the blue macaw and parrot, breast fluff of wild ducks, [556] cotton threads for the ornaments, and beads. All these items are [435] valuable to the Tapirapé, who gauge their own wealth in these terms.

12: Wagley & Galvão E-5 (1939-1940)1948
SP22 Tapirape SP22

CULTURE

SUBSISTENCE ACTIVITIES

137 The region inhabited by the *Tapirapé* is one of dense tropical forest; yet near the Tapirapé River and parallel to its small tributaries, there are great strips of semiarid savanna country characterized by scrub growth 133 and groups of buriti palms. These plains are flooded during the excessive 132 rains from October to April, and they are arid during the latter part of the dry season (May through September).

241 **Farming.**—The *Tapirapé* make great clearings in the forest for their villages, traveling occasionally to the savanna country for hunting. Their [484] large gardens guarantee them an economy of abundance. They plant several varieties of both sweet and poisonous manioc, four varieties of maize, pumpkins, beans, peppers, cará (*Dioscorea* sp.) and yams, peanuts, squash, several varieties of bananas and beans, cotton, and papaya.

[221] Each year, from June to September, the men clear away the forest for their gardens. Clearing is frequently done individually; frequently also 241 it is done cooperatively by the men's ceremonial moiety groups in a work 616 festival (apačirú). When communally prepared, the large clearings are 476 afterward divided into individual garden lots. Gardens are, thus, gener- [423] ally individual property; now and again, however, a younger man plants together with an older man (his father-in-law) or a close relative. When clearing is done by apačirú, plots are allocated for ceremonial moiety leaders, who use the produce during the harvest feast (kaô) at the end 241 of the rainy season. Vegetation and tree trunks, cut down during the dry season and left to dry, are burned in September. Just after the first rains of October, planting is begun. All crops are planted without order or division within the garden plot, and weeds are never cleared away as [462] the garden grows. All gardening is done by men except the planting and harvesting of peanuts and cotton, which is done entirely by women.

Harvest takes place as the various crops ripen. Maize planted in late October or early November ripens in January; in April and May squash, cará, beans, etc. begin to ripen. Manioc is harvested as needed throughout [422] the year. All food from the gardens is said to belong to the wife once it is brought into the house.

Garden plots are planted for 2 years and then abandoned. The second year only manioc is generally planted in the plot. Yet each year a new plot is cleared from virgin forest and thus each gardener has generally two current garden plots—one newly cleared and a second-year plot planted with manioc. The lack of virgin forest on high ground for garden clear- [361] ings within accessible distance to the village, as well as the fear of the spirits of recent dead, force the *Tapirapé* to move their village site each 4 or 5 years to a new site.

262 Manioc is by far the most important *Tapirapé* crop, as manioc flour is 252 the basis of their diet. Different from other *Tupí* groups, however, the

12: Wagley & Galvão E-5 (1939-1940) 1948
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Tapirapé do not use the tipití (the long woven tube in which the water is squeezed from poisonous manioc), but squeeze poisonous manioc with their hands. The pulp is then spread out on a platform in the sun to be thoroughly dried. The flour is toasted in a clay pot over a very hot fire. 252

Wild foods.—Meat is a definite luxury to the agricultural *Tapirapé*. Monkeys, armadillos, forest fowls, cuati (*Nasua* sp.), and both kinds of peccary (*Tayassus tajacu* and *T. pecari*) are occasionally killed in the forest at any time during the year. The hunting and fishing season, however, is from June through October, when the savanna country is dry. The savannas are extraordinarily rich with game. Plains deer, wild pigs, peccary, and wild duck, and geese near the drying swamps are plentiful. 224 [221]

Fish are shot with the bow and arrow and stupefied with timbó (*Paullinea pinnata* or *Serjania* sp.) in the almost dry streams and lakes. The village is almost deserted in September and October, after garden sites have been cleared and before planting. Men, women, and children move out to the plains country near the Tapirapé River and set up a temporary camp. They collect turtle eggs and kill turtles in the river. They gather piqui fruit (*Caryocar vellosum*), andiroba (*Carapa guyanensis*), and other wild fruits, and, from October through November, they find wild honey both on the savanna and in the forest. 226 221 222

Hunting is done with the bow and arrow, but a club is used to finish the kill, especially wild pigs or jaguars. [224]

HOUSES AND VILLAGES

The houses of a *Tapirapé* village form an oval around a large ceremonial men's house (tãkana), which is forbidden to the women. Both the large men's house, approximately 20 by 65 feet (6 by 20 m.), and the residential houses, averaging 13 by 33 feet (4 by 10 m.), have a quadrangular floor plan with arched roofs made by bending flexible poles and tying them together over a roof beam (pl. 19, *bottom, left*). The walls and the roof are covered with leaves of buritĩ palm and wild banana. 361 342 345

In the surviving village, called Tampitawa, there were nine residential houses, each housing from four to eight simple families. Each family occupies a determined sector of the house where they cook, keep their belongings, and hang their sleeping hammocks. Household utensils, such as baskets, pots, hammocks, and gourds, are owned by the women of each simple family. Houses, though built by men, are said to be the property of the women of the house. The house frame is constructed cooperatively by all the men of the house. Each man covers the portion to be used by his wife and children. 592 422 [423] 342

Ideally, residence is matrilocal, and the house is inhabited by a group of closely related women and their husbands. The household leader is generally the husband of the oldest woman of the group (see p. 172). Owing perhaps to great depopulation and the accumulation of refugees [591] 592